

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 21 and 22, AMEND claim 16, and ADD claims 24-28 in accordance with the following:

1-15. (Cancelled)

16. (Currently Amended) A drum washing machine, comprising:
a water tub;
~~a rotary tub rotatably provided in the water tub, to rotate about a horizontal axis;~~
a motor to rotate the rotary tub;
a pumping unit to pump water contained in a lower portion of the water tub into the rotary tub; and
~~a control unit to control the motor and the pumping unit to simultaneously operate, wherein the control unit simultaneously operates the motor and the pumping unit, to cause laundry contained in the rotary to fall after being upwardly raised in accordance with a rotation of the rotary tub, and to feed the water contained in the lower portion of the water tub to the falling laundry; and~~
~~a water level sensor to detect a water level of the rotary tub when the pumping unit and the motor are simultaneously operated,~~
~~wherein the water level sensor to detect a water level of the rotary tub is mounted inside the rotary tub.~~

17. (Previously Presented) The drum washing machine according to claim 16, wherein the pumping unit comprises:

a circulating pipe having a first end coupled to an inside of the water tub and a second end disposed at an inlet of the rotary tub;
a pump to pump the water contained in the water tub into the rotary tub; and

a spray nozzle disposed at the second end of the circulating pipe.

18. (Previously Presented) The drum washing machine according to claim 16, further comprising a key input unit to receive washing courses according to materials of the laundry load,

wherein the control unit operates the pump according to ON-OFF periods corresponding to the washing courses.

19. (Previously Presented) The drum washing machine according to claim 18, wherein the key input unit is provided with washing course buttons for one or more of cotton fabrics, mixed fabrics, woolen fabrics, and synthetic fibers.

20. (Previously Presented) The drum washing machine according to claim 19, wherein durations of OFF periods of the ON-OFF periods increase from the cotton fabrics, to the mixed fabrics, to the woolen fabrics, to the synthetic fibers.

21-23. (Cancelled)

24. (New) The drum washing machine according to claim 16, further comprising a water level sensor to detect a water level of the rotary tub, wherein the control unit determines the water level from the water level sensor in response to the pumping unit and the motor being simultaneously stopped.

25. (New) A method of controlling a drum washing machine, the drum washing machine having a water tub, a rotary tub provided in the water tub, to rotate about a horizontal axis, a motor to rotate the rotary tub, and a pumping unit to pump water contained in a lower portion of the water tub into the rotary tub, the method comprising:

simultaneously operating the motor and the pumping unit, to cause laundry contained in the rotary to fall after being upwardly raised in accordance with a rotation of the rotary tub, and to feed the water contained in the lower portion of the water tub to the falling laundry.

26. (New) The drum washing machine control method according to claim 25, further comprising determining a water level of the rotary tub through a water level sensor, which detects the water level of the rotary tub, in response to the pumping unit and the motor being

simultaneously stopped.

27. (New) The drum washing machine control method according to claim 25, wherein the pumping unit is designed so that a time duration of pumping operations thereof is preset according to materials of the laundry load.

28. (New) The drum washing machine control method according to claim 27, wherein the time duration of pumping operations of the pumping unit increases from a cotton fabrics washing course, to a mixed fabrics washing course, to a woolen fabrics washing course, to a synthetic fiber washing course.